first compression encoding means for compression-encoding image data output from said image pickup means, with a first compression method;

second compression encoding means for compression-encoding the image data output from said image pickup means, with a second compression method;

radio transmission means for modulating first image data compression-encoded by said first compression encoding means and transmitting the first image data through a radio transmission path to a display apparatus which displays an image picked-up by said image pickup means, the display apparatus being detachably mounted on said image pickup apparatus; and

B'd cont'd

control means for controlling said first compression encoding means so as to output the first image data to said radio transmission means in a case where the display apparatus is not connected electrically and mechanically to said image pickup apparatus.

26. (New) Apparatus according to Claim 25, wherein the first compression method comprises the JPEG method, and wherein the second compression method comprises the DV compression method.

27. (New) Apparatus according to Claim 25, wherein the first compression method comprises the MPEG compression method, and wherein the second compression method comprises the DV compression method.

28. (New) Apparatus according to Claim 25, wherein said control means inhibits a supply of electric power to said first compression encoding means and to said radio transmission means in a case where the display apparatus is connected electrically and mechanically to said image pickup apparatus.

Bid cont'd

29. (New) Apparatus according to Claim 25, wherein said radio transmission means spectrum-diffusion modulates the first image data.

30. (New) An image pickup system, comprising:

a camera main body;

a display apparatus for displaying an image which is picked-up by said camera main body, said display apparatus being detachable from said camera main body;

compression encoding means for compression-encoding image data output from said camera main body, said compression encoding means being capable of compression-encoding the image data with a plurality of different compression methods; and

radio transmission means for modulating the image data compression-encoded by said compression encoding means and transmitting the image data to said display apparatus through a radio transmission path,

wherein said compression encoding means changes the compression method according to the attachment/detachment status of said display apparatus with respect to said camera main body.

31. (New) A system according to Claim 30, wherein the plurality of compression methods includes at least one of the JPEG compression method, the MPEG compression method, and the DV compression method.

B1 cont'd

32. (New) A system according to Claim 30, further comprising control means for controlling an electric power supply so as to inhibit a supply of electric power to said radio transmission means in a case where said display apparatus is connected electrically and mechanically to said camera main body.

33. (New) A system according to Claim 30, wherein said radio transmission means spectrum-diffusion modulates the image data.

34. (New) An image pickup system, comprising:

an image pickup apparatus for picking-up an image of an object; and

first compression encoding means for compression-encoding image data output from said image pickup apparatus, with a first compression method;

second compression encoding means for compression-encoding the image data output from said image pickup apparatus, with a second compression method;

B1 cont'd

radio transmission means for modulating first image data compression-encoded by said first compression encoding means and transmitting the first image data through a radio transmission path to a display apparatus which displays an image picked-up by said image pickup means, the display apparatus being detachably mounted on said image pickup apparatus;

recording means for recording the second image data compression-encoded by said the second compression encoding means; and

control means for controlling said first and second compression encoding means so as to output the first image data to said radio transmission means in a case where the display apparatus is not connected electrically and mechanically to said image pickup apparatus, and so as to output the second image data to said recording means in a case where the display apparatus is

connected electrically and mechanically to said image pickup apparatus.

35. (New) A system according to Claim 34, wherein the first compression method comprises the JPEG compression method, and wherein the second compression method comprises the DV compression method.

36. (New) A system according to Claim 34, wherein the first compression method comprises the MPEG compression method, and wherein the second compression method comprises the DV compression method.

B1 cont'd

37. (New) A system according to Claim 34, wherein said control means inhibits a supply of electric power to said first compression encoding means and to said radio transmission means in a case where the display apparatus is connected electrically and mechanically to said image pickup apparatus.

38. (New) A system according to Claim 34, wherein said radio transmission means spectrum-diffusion modulates the image data.

39. (New) An image input apparatus, comprising:

image input means for inputting image data;

a display apparatus for displaying an image input by said image input means, said display apparatus being mounted detachably on said image input apparatus; and

output means for compressing the image data input by said image input means at a first compression ratio to output the compressed image data to said display apparatus through a radio transmission path in a case where said display apparatus is not connected electrically and mechanically to said image input apparatus, and for compressing the image data input by said image input means at a second compression ratio to record the compressed image data on a recording medium and to output the image data to said display apparatus in a case where said display apparatus is connected electrically and mechanically to said image input apparatus.

B1 cont'd

40. (New) Apparatus according to Claim 39, wherein the first compression ratio corresponds to the JPEG compression method, and wherein the second compression ratio corresponds to the DV compression method.

41. (New) Apparatus according to Claim 39, wherein the first compression ratio corresponds to the MPEG compression